



**GUILD OF IB SCHOOLS NORTHEAST**

<b>Title of Grant Proposal:</b> PYP CT Science Center Inquiry project	<b>School Name:</b> Dr. Thomas O'Connell Elementary
<b>Applicant's Name:</b> Laurie Stock	<b>Applicant's Phone Number:</b> (860) 622-5409 (860) 622-5460 (Main Office)
<b>Applicant's Email Address:</b> Stock.lj@easthartford.org	

**POST-PROJECT CHECKLIST:** to be completed within one month of completing the proposed project; form must be submitted no later than **May 1, 2020**. Email post-project requirements to **Jim Meyer (meyer.jqus@gmail.com)**.

- Reflection: respond to the following question by essay (500 words maximum) OR video (2-3 minutes). **How did receiving this grant enhance your experience in the IB?**
- Photographs, videos, or other documentation of your project
- Itemized list of expenses, showing that the funds were used only for the expenses described in the grant application. Receipts should be included whenever possible.

**REPORT OF EXPENDITURES FOR GRANT FUNDS (attach separate sheet if needed)**

Date	Description	Amount
02/03/2020	CT Science Center: Science In Motion "Sound Breakdown" traveling program 3 Grade One Classrooms: Bruttomesso, Manfre, Huggins	\$650.00
02/04/2020	CT Science Center: Science In Motion "Sound Breakdown" traveling program 2 Grade One Classrooms: Dupervil & Fleming-Modi	\$450.00
<b>Please see attached Booking Notice and Invoice</b>		

**C. Required Signatures**

Applicant Signature Laurie Stock Date: 2/24/20

Coordinator Signature Laurie Stock Date: 2/24/20

Head of School Signature [Signature] Date: 2/24/20



# Connecticut Science Center - Booking Notice and Invoice

Dr. Thomas O'Connell Elementary School

Invoice #: SIM-199904

Payment Due: 1/4/2020

Dear Mrs. Laurie Stock, Dr. Thomas O'Connell Elementary School,

Thank you for booking a Science In Motion Traveling Program!

Please review the following information for your program. To ensure all details are correct, a signed copy of this contract is required.

Monday, February 3, 2020

		Price	Total
<b>Activity: SIM: Sound Breakdown</b>			
SIM Program	1	\$250.00	\$250.00
SIM Program +	1	\$200.00	\$200.00
SIM Program +	1	\$200.00	\$200.00
	<b>3</b>		<b>\$650.00</b>

### Itinerary

#### SIM: Sound Breakdown

Time:	8:30 AM	Location:	Offsite
Time:	9:30 AM	Location:	Offsite
Time:	10:30 AM	Location:	Offsite

Please make checks payable to  
Connecticut Science Center

Send payment to:

Connecticut Science Center  
Attn: Reservation Center  
250 Columbus Boulevard  
Hartford, CT 06103

Order Total: \$650.00

Required Deposit(25%): \$162.50

The above deposit is required to secure your reservation, which is unconfirmed until full payment is received.

Full payment is due 3 weeks prior to your program.

If payment is not received by 1/13/2020, contact us to make alternative payment arrangement.



# Connecticut Science Center - Booking Notice and Invoice

Dr. Thomas O'Connell Elementary School

Invoice #: SIM-199905

Payment Due: 1/5/2020

Dear Mrs. Laurie Stock, Dr. Thomas O'Connell Elementary School,

Thank you for booking a Science In Motion Traveling Program!

Please review the following information for your program. To ensure all details are correct, a signed copy of this contract is required.

Tuesday, February 4, 2020

		Price	Total
<b>Activity: SIM: Sound Breakdown</b>			
SIM Program	1	\$250.00	\$250.00
SIM Program +	1	\$200.00	\$200.00
	<b>2</b>		<b>\$450.00</b>

### Itinerary

#### SIM: Sound Breakdown

Time:	8:30 AM	Location:	Offsite
Time:	9:30 AM	Location:	Offsite

Please make checks payable to  
**Connecticut Science Center**  
 Send payment to:  
 Connecticut Science Center  
 Attn: Reservation Center  
 250 Columbus Boulevard  
 Hartford, CT 06103

<b>Order Total:</b>	<b>\$450.00</b>
<b>Required Deposit(25%):</b>	<b>\$112.50</b>

The above deposit is required to secure your reservation, which is unconfirmed until full payment is received. Full payment is due 3 weeks prior to your program. If payment is not received by 1/14/2020, contact us to make alternative payment arrangement.

Guild of IB Schools Northeast Grant Reflection  
Dr. Thomas O'Connell Elementary School  
PYP CT Science Center Inquiry project

## How did receiving this grant enhance your experience in the IB?

With this grant opportunity we were able to provide our Grade 1 students with a highly inquiry-based experience in collaboration with the Connecticut Science Center. This "Science in Motion" Traveling Connecticut Science Center Program was a mix of science demonstrations and hands-on activities that sparked students' scientific curiosity, and encouraged students to explore how science is part of their own everyday experiences. The program was aligned with the Next Generation Science Standards as well as IB PYP Science standards.

We worked with the CT Science Center to arrange the "Sound Breakdown" program during our grade 1 "How we express ourselves" transdisciplinary unit on Feb. 3, 2020 and Feb. 4, 2020 to support the central idea "We communicate with light and sound." Throughout this unit students investigated how light and sound travel, forms of communication and the relationship between light and sound. This additional inquiry experience helped students unravel some of the mysteries behind sound. The CT Science Center provided the materials for students to plan and carry out systematic investigations, manipulate variables, make and record observations to develop, and practice the skills targeted within the development of our IB Approaches to Learning. In addition, these highly engaging activities, with real world connections, provided students an opportunity to gain a stronger conceptual understanding of the science & music standards.

In addition, we were able to extend the transdisciplinary nature of this unit by including the music teacher to join these programs alongside the students and grade 1 classroom teachers. There were multiple opportunities for connection to music and sound throughout this program. Through reflections the grade 1 team and the music teacher have a multitude of new ideas to incorporate into this unit of study next year. Students were able to make natural and authentic connections to the transdisciplinary nature of the inquiry unit.

Students were asked to be inquirers, communicators and thinkers. The inquiry-based activities provided students multiple opportunities to strengthen these traits with their peers. Students became more knowledgeable through questioning, hands on activities and drawing conclusions. Students were highly engaging and active participants throughout this learning experience. In the days following this program, teachers and students collaboratively discussed new learning, and generated new questions to be investigated and revisited throughout the unit. Students will continue to utilize this learning throughout the unit to interpret and evaluate observations gathered in order to draw conclusions.

The Classroom Program cost was \$250 USD with additional classes on the same topic for \$200 USD. The total cost for all five Grade 1 classrooms was \$1,100. The grant provided by GIBS made it possible for us to fund all five classrooms. The full grant allowance was used and our district helped to offset the remaining balance so that we did not have to charge our struggling families. We are incredibly thankful and grateful that you provided this amazing experience for not only our students, but our teachers learned so much as well.

Dr. Thomas O'Connell Elementary  
PYP CT Science Center Inquiry Project- "Sound Breakdown"  
"Science in Motion" Traveling Connecticut Science Center Program



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